

Title (en)
Underwater communications system

Title (de)
Unterwasserkommunikationssystem

Title (fr)
Système de communication sous-marin

Publication
EP 2362559 A1 20110831 (EN)

Application
EP 11159910 A 20060609

Priority
• EP 06744172 A 20060609
• GB 0511939 A 20050613
• GB 0602398 A 20060207

Abstract (en)
An underwater communications system for transmitting electromagnetic and/or magnetic signals to a remote receiver, the system having a data input; a digital data compressor for compressing data that is to be transmitted; a modulator for modulating the compressed data onto a carrier signal and an electrically insulated, magnetic coupled antenna for transmitting the compressed, modulated signals.

IPC 8 full level
H04B 13/02 (2006.01)

CPC (source: EP GB)
H04B 11/00 (2013.01 - EP); **H04B 13/02** (2013.01 - EP GB)

Citation (applicant)
• WO 0195529 A1 20011213 - QINETIQ LTD [GB], et al
• GB 2163029 A 19860212 - RAYNOR PETER JAMES
• US 6058071 A 20000502 - WOODALL ROBERT [US], et al

Citation (search report)
• [IY] WO 02078220 A1 20021003 - IFREMER [FR], et al
• [Y] WO 0195529 A1 20011213 - QINETIQ LTD [GB], et al
• [Y] US 6130859 A 20001010 - SONNENSCHNEIDER MENASHE [IL], et al
• [Y] US 2004266497 A1 20041230 - REAGOR DAVID [US], et al
• [A] US 4207568 A 19800610 - MACLEOD NORMAN C [US]
• [E] US 2006286931 A1 20061221 - RHODES MARK [GB], et al

Cited by
US10488537B2; US10677946B2; US10712458B2; US11422274B2; US10263711B2; US10333629B2; US10623110B2; US10778342B2;
US11057117B2; US9825713B2; US10171181B2; US10341032B2; US11128386B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006134331 A1 20061221; EP 1891762 A1 20080227; EP 1891762 B1 20120222; EP 2341644 A1 20110706; EP 2341645 A1 20110706;
EP 2362559 A1 20110831; GB 0800477 D0 20080220; GB 2441933 A 20080319; GB 2441933 B 20090715

DOCDB simple family (application)
GB 2006002123 W 20060609; EP 06744172 A 20060609; EP 11159907 A 20060609; EP 11159909 A 20060609; EP 11159910 A 20060609;
GB 0800477 A 20060609